

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
25 January 2001 (25.01.2001)

PCT

(10) International Publication Number
WO 01/05416 A1(51) International Patent Classification⁷: A61K 35/78

(21) International Application Number: PCT/IN99/00030

(22) International Filing Date: 15 July 1999 (15.07.1999)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant and

(72) Inventor: KHANNA, Pushpa [IN/IN]; E14/7 1st floor,
Vasant Vihar, New Delhi 110 057 (IN).(74) Agent: GABRIEL, Devadoss, Caleb; Kumaran & Sagar,
84-C, C-6 Lane, (Off Central Avenue), Sainik Farms, New
Delhi 110 062 (IN).ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, ZA, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT,
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GW, ML, MR, NE, SN, TD, TG).**Published:**

- With international search report.
- With amended claims and statement.

(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE,For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 01/05416 A1

(54) Title: OIL FROM *MOMORDICA CHARANTIA* L. ITS METHOD OF PREPARATION AND USES

(57) Abstract: The present invention relates to a novel oil extracted from the seeds of *Momordica charantia* L. for topical applica-
tion to a body of mammal and used as anti-inflammatory, anti-arthritis, vasculodilatory and wound healing agent, said oil essentially
comprising capric acid 0.7-1.2 % by wt., lauric acid 0.6-1 % by wt., palmitic acid 4.2-5.0 % by wt., stearic acid 59-62 % by wt.,
oleic acid 13-15 % by wt., arachidic acid 3-5 % by wt., linoleic acid 8-10 % by wt., and other undetected minor acids 6-8 % by wt.; and
a process for producing such oil.